

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-44620
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name STERLING STATE 23 27 20 WA
8. Well Number 6H
9. OGRID Number 372098
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator Marathon Oil Permian LLC
3. Address of Operator 5555 San Felipe St., Houston, TX 77056
4. Well Location Unit Letter O : 603 feet from the SOUTH line and 1412 feet from the EAST line Section 20 Township 23S Range 27E NMPM County EDDY
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3181' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MIRU, Spud 2/7/2018. Drill 17.5" hole to 618', run 13 5/8" csg, cement csg, NU BOP, pressure test annular (250/2500), all others (250/5000). Pressure test csg to 1500 psi for 30 min, 10 psi drop, test good. Drill 12 1/4" hole to 2131', run 9 5/8" csg, cement csg, pressure tests csg to 1500 psi for 30 min, 54 psi drop, test good. Drill 8 3/4" hole to 9727', run 7" csg, cement, pressure test csg to 3300 psi for 30 min, held, test good. Perform sidetrack operation approved by OCD at 8377'. Drill 6 1/8" hole, perform sidetrack operation approved by OCD at 10388'. Drill 6 1/8" to 13804', run 4 1/2" csg, cement csg PU equipment, RDMO 3/26/2018. Pressure test 5 1/2" csg to 9500 psi for 30 min, 258 psi drop, test good on 3/31/2018

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 16 2018

RECEIVED

Spud Date:

2/7/2018

Rig Release Date:

3/26/2018

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Adrian Covarrubias

TITLE

Environmental Engineer

DATE

4/12/2018

Type or print name

E-mail address:

acovarrubias@marathonoil.com

PHONE:

713-296-3368

For State Use Only

APPROVED BY:

TITLE

Staff Mgr

DATE

4-16-18

Conditions of Approval (if any):

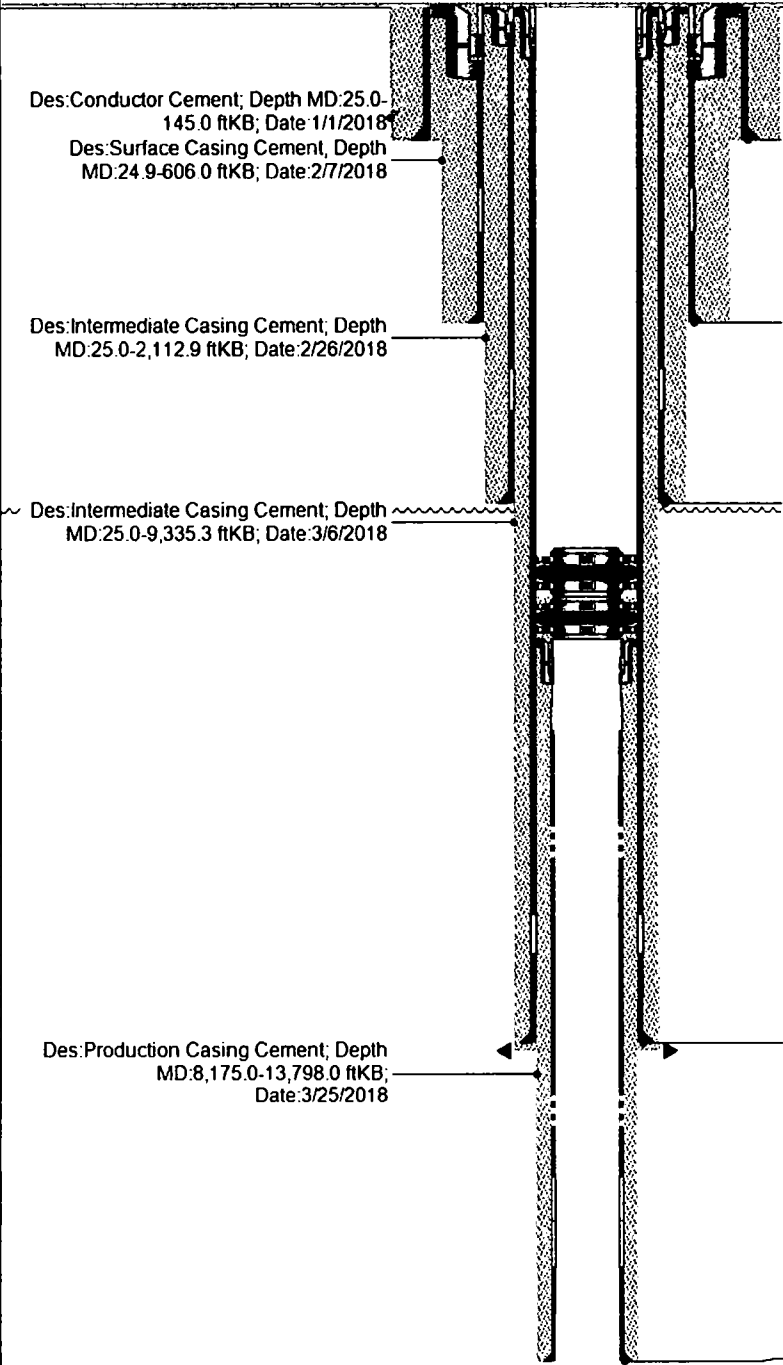


Wellbore Schematic

Well Name: **STERLING STATE 23 27 20 WA 6H**

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.284519	Longitude (°) -104.207844
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status COMPLETION	Ground Elevation (ft) 3,181.00	KB-Ground Distance (ft) 25.00		

HORIZONTAL - STERLING STATE 23 27 20 WA 6H BP02, 4/12/2018 1:15:17 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
24.9	24.9	0.2	 <p>Des: Conductor Cement; Depth MD:25.0-145.0 ftKB; Date:1/1/2018</p> <p>Des: Surface Casing Cement; Depth MD:24.9-606.0 ftKB; Date:2/7/2018</p> <p>Des: Intermediate Casing Cement; Depth MD:25.0-2,112.9 ftKB; Date:2/26/2018</p> <p>Des: Intermediate Casing Cement; Depth MD:25.0-9,335.3 ftKB; Date:3/6/2018</p> <p>Des: Production Casing Cement; Depth MD:8,175.0-13,798.0 ftKB; Date:3/25/2018</p>	<p>No.:1; Des: Conductor 1; OD:20.000 in; ID:19.124 in; Depth MD:25.0-145.0 ftKB; Length:120.00 ft</p> <p>No.:2; Des: Surface; OD:13.375 in; ID:12.615 in; Depth MD:24.9-606.1 ftKB; Length:581.15 ft</p> <p>No.:3; Des: Intermediate 1; OD:9.625 in; ID:8.835 in; Depth MD:25.0-2,112.9 ftKB; Length:2,087.88 ft</p> <p>No.:4; Des: Intermediate 2; OD:7.000 in; ID:6.184 in; Depth MD:25.0-9,335.3 ftKB; Length:9,310.29 ft</p> <p>No.:5; Des: Liner 1; OD:4.500 in; ID:3.920 in; Depth MD:8,158.7-13,798.0 ftKB; Length:5,639.32 ft</p>
26.2	26.2	0.2		
26.6	26.6	0.2		
145.0	145.0	0.4		
561.7	561.5	1.8		
563.0	562.8	1.8		
604.7	604.4	1.7		
606.0	605.8	1.7		
2,065.0	2,063.5	3.5		
2,066.9	2,065.5	3.5		
2,111.2	2,109.7	3.5		
2,112.9	2,111.3	3.5		
8,130.6	8,134.2	4.2		
8,174.9	8,150.2	4.2		
8,177.5	8,152.8	4.2		
8,183.7	8,159.0	4.2		
8,185.4	8,160.7	4.2		
8,225.4	8,180.6	4.1		
8,523.6	8,500.4	3.4		
8,545.6	8,520.4	3.9		
9,242.8	9,166.7	44.8		
9,244.1	9,167.4	45.2		
9,333.7	9,218.6	68.8		
9,335.3	9,219.1	68.9		
11,722.4	9,227.8	86.6		
11,743.4	9,229.0	86.6		
13,733.0	9,346.8	86.6		
13,734.9	9,346.9	86.6		
13,736.2	9,347.0	86.6		
13,739.9	9,349.3	86.6		
13,747.9	9,349.4	86.6		

Directions to Well: